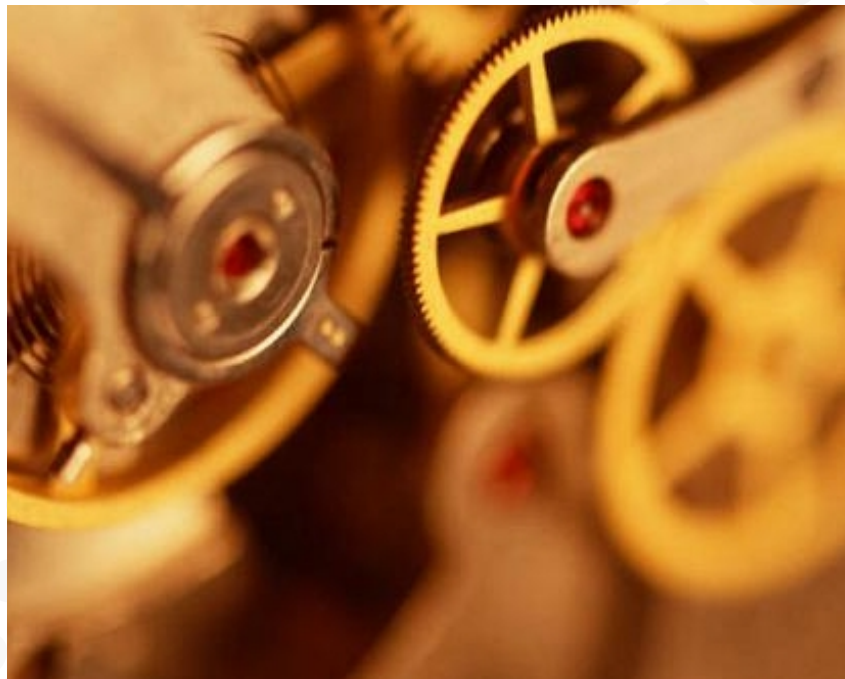


DESIGN FAILURE MODE & EFFECTS ANALYSIS (DFMEA)



Training Duration : 2 days

CONSULTING * TRAINING * SOFTWARE

USA * CANADA * CHINA * EUROPE * INDIA * MALAYSIA * MEXICO
MIDDLE EAST * UAE * SINGAPORE * THAILAND

www.omnex.com

Design Failure Mode and Effects Analysis (DFMEA)

Training Duration : 2 days

This two-day class gives an insight into how to do Design FMEA analysis for New/Existing designs. This class is conducted with hands-on exercises using your company's products.

Seminar Content

- ❖ Item – Function worksheet to define Primary and Secondary functions of the product
- ❖ Defining 8 types of design Failure modes through Item Function worksheet
- ❖ Four types of Effects Analysis for the Design Failures
- ❖ Severity ranking for the effects
- ❖ Design Casual analysis
- ❖ Linkage between Design Causes and Product Characteristics
- ❖ Identification of Potential Critical & Potential Significant('YS' & 'YC')
- ❖ Ranking Occurrence of Design Failures using the Warranty data
- ❖ Design Control analysis Identifying the Detection Number for the Controls
- ❖ Identifying Design/Process improvement actions after analysis
- ❖ Deriving Design Verification Plan (DVP) from the DFMEA
- ❖ Applying the DFMEA to analyze the effectiveness of the DVP
- ❖ Customer Complaint analysis using the DFMEA
- ❖ SFMEA

Seminar Materials

Each participant will receive extensive course material.

Who Should Attend

Design Engineers

Seminar Goals

This two days seminar provides the attendees

- ❖ Learn types of design failure modes.
- ❖ Use of Design Causal analysis.
- ❖ Identification of detection numbers and improvement actions.
- ❖ DFMEA linkages to DVP.
- ❖ Use of appropriate worksheets.

Trainers Who Put Theory into Practice

Omnex Trainers are also consultants who work in our specialty industries and actually implement the techniques, procedures and systems that they teach in our seminars. Omnex trainers use real-world examples, supported by substantial experience.

CONSULTING * TRAINING * SOFTWARE



GLOBAL HEAD QUARTERS

OMNEX INC

Global Head Quarters,
325 E. Eisenhower Parkway,
Suite 4, Ann Arbor, MI 48108, USA.
Phone: (734) 761-4940
Fax: (734) 761-4966
Email: info@omnexus.com
Web: www.omnexus.com

MAIN REGIONAL OFFICES

OMNEX CANADA

Email: info-ca@omnexus.com

OMNEX CHINA

Email: info-cn@omnexus.com

OMNEX EUROPE

Email: info-eu@omnexus.com

OMNEX INDIA

Email: info-in@omnexus.com

OMNEX MALAYSIA

Email: info-my@omnexus.com

OMNEX MEXICO

Email: info-mx@omnexus.com

OMNEX MIDDLE EAST

Email: info-me@omnexus.com

OMNEX UAE

Email: info-ae@omnexus.com

OMNEX SINGAPORE

Email: info-sg@omnexus.com

OMNEX THAILAND

Email: info-th@omnexus.com